

Tech Specs

UniFi UISP Branding

UniFi Cloud Gateways

WiFi

Switching

Cloud Keys & Gateways

Camera Security

Door Access

Phone System

New Integrations

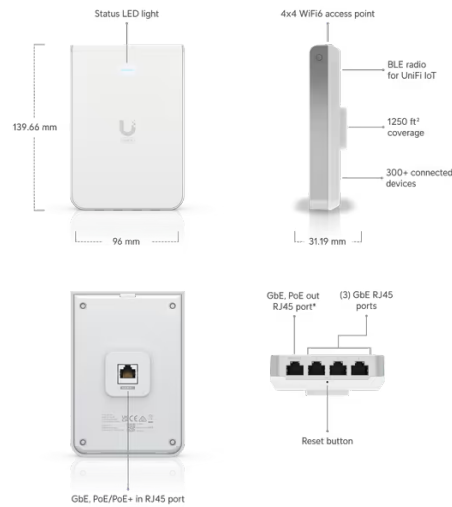
Accessories

WiFi > [U6 In-Wall](#)

Datasheet

Installation Guide

Marketing Images



*PoE+ input required for single port PoE output.

Mechanical

Dimensions	139.66 x 96 x 31.19 mm (5.5 x 3.78 x 1.28")
Weight	460 g (1.01 lb)
Enclosure materials	Plastic, aluminum
Mount material	Aluminum

Hardware

Networking interface	(1) Data-in: 1GbE RJ45 port (4) Data-out: 1GbE RJ45 ports
Management interface	Ethernet Bluetooth
PoE interface	(1) PoE in (PoE output not used) (1) PoE out (Requires a PoE+ switch)
Power method	PoE
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (Optional)
Max. power consumption	Excluding PoE output: 13.5W
Max PoE wattage per port by PSE	15.4W* *Requires a PoE+ switch
Voltage range PoE mode	44—57V DC
Max. TX power	
2.4 GHz	22 dBm
5 GHz	26 dBm

MIMO	
2.4 GHz	2 x 2 (UL MU-MIMO)
5 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	
2.4 GHz	573.5 Mbps
5 GHz	4.8 Gbps
Antenna gain	
2.4 GHz	5 dBi
5 GHz	5.9 dBi
LED	White/blue
Button	Factory reset
Operating temperature	-30 to 60° C (-22 to 140° F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+
Zero-wait DFS	Yes* <small>*Supported with upcoming firmware versions.</small>

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n (WiFi 4)	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

Application Requirements

UniFi Network	Version 6.4.52 and later
----------------------	--------------------------

Stay in Touch



[Terms and Conditions](#) | [Terms of Service](#) | [Privacy Policy](#) | [Return Policy](#) | [Cookies Settings](#)

© 2024 Ubiquiti, Inc. All rights reserved.